

XF SERIES

DATASTORM

XF SERIES SYSTEMS

Internet. With Attitude.

The DataStorm **XF** Series systems are Enterprise-Grade, mobile two-way satellite Internet antennas designed specifically for Military, Government, Heavy Enterprise, and Business-Grade applications. With a focus on hardening our legendary **F** Series design, our engineers achieved a completely ruggedized, "battle-ready" system design with nearly zero-backlash motion,

faster acquisition, and hard-shelled resistance to the harshest of environments. Like our **F** Series systems, the **XF** provides out-of-the-box support for all major satellite internet platforms (including but not limited to ComTech, iDirect, HughesNet, EchoSAT, and LinkStar) and is available in .98 and 1.2-meter sizes, to accommodate extended-range requirements. Coupled with the included D3 Universal DVB Controller and your modem and router, the **XF** becomes a highly configurable, Enterprise-Grade bandwidth solution.



- > MILITARY / CIVIL DEFENSE
- > EMERGENCY / FIRE & RESCUE
- > OIL & GAS
- > RV / OTR
- > MEDIA / FIELD PRODUCTION
- > MEDICAL / EDUCATION

The **XF** Series represents the very best of MotoSAT's long history of innovation, reliability and high performance.

Come and discover the industry standard in Mobile Satellite Communications... from the company that revolutionized it.

 **MotoSAT**
MOBILE SATELLITE SYSTEMS

XF2 SERIES



DATASTORM D3 UNIVERSAL DVB CONTROLLER

XF2 .98 Meter

General Information

Stowed Dimensions 65" L x 40" W x 12" H
Reflector Size .98 Meter Offset (Prodelin #1983)
Weight 160 lbs

Mount Rotation

Azimuth 365 Degrees
Elevation 143 Degrees Deployed from Stow
Elevation 0 – 70 Degrees Satellite Latitude
Skew (Polarization) +105 Degrees (cross Pol / Isolation)

Environmental

Survival Wind Speed Deployed 80 MPH (based on attached structure)
Survival Wind Speed Stowed 125 MPH (based on attached structure)
Operation Temperature -30 to +130 F

Power Requirements

15VDC 8.6 Amps (DC Power Supply included)

Acquisition Speeds

Elevation 3 degrees/second
Azimuth 10 degrees/second
Skew 8 degrees/second
Acquisition time to first satellite identification < 90 seconds typical
Acquisition time to target satellite identification < 3 minutes typical

XF3 1.2 Meter

General Information

Stowed Dimensions 75" L x 49" W x 12.5" H
Reflector Size 1.20 Meter Offset (Prodelin #1134)
Weight 175 lbs

Mount Rotation

Azimuth 365 Degrees
Elevation 143 Degrees Deployed from Stow
Elevation 0 – 70 Degrees Satellite Latitude
Skew (Polarization) +105 Degrees (cross Pol / Isolation)

Environmental

Survival Wind Speed Deployed 75 MPH (based on attached structure)
Survival Wind Speed Stowed 125 MPH (based on attached structure)
Operation Temperature -30 to +130 F

Power Requirements

15VDC 8.6 Amps (DC Power Supply included)

Acquisition Speeds

Elevation 3 degrees/second
Azimuth 10 degrees/second
Skew 8 degrees/second
Acquisition time to first satellite identification < 90 seconds typical
Acquisition time to target satellite identification < 3 minutes typical

DATASTORM XF2™ .98 METER SYSTEM



.98 METER SYSTEM
MULTIPLE PLATFORM SUPPORT
DESIGNED FOR EXTENDED RANGE
AND HIGH BANDWIDTH INTERNET
APPLICATIONS
ENTERPRISE GRADE DURABILITY
FOLDS TO 12" HEIGHT
D3 CONTROLLER
COMPATIBLE

DATASTORM XF3™ 1.2 METER SYSTEM



1.2 METER SYSTEM
MULTIPLE PLATFORM SUPPORT
DESIGNED FOR EXTENDED RANGE
AND HIGH BANDWIDTH INTERNET
APPLICATIONS
ENTERPRISE GRADE DURABILITY
FOLDS TO 12" HEIGHT
D3 CONTROLLER
COMPATIBLE